



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

CURRENT ISSUES IN IMMUNIZATION NETCONFERENCE

[Register](#) now for a netconference on July 25 on influenza vaccine recommendations! This netconference is designed to provide clinicians with the most up-to-date information presented by the National Center for Immunization and Respiratory Diseases.

ALANA'S FLU FOUNDATION SUMMER EVENT

Alan's Foundation is hosting a benefit on August 15 in Royal Oak called Cruisin' Summer Concert Bash. There will be musical artists and a book signing. For more information including where to buy tickets, see their [flyer](#).

H3N2 VARIANT VIRUS (H3N2v)

- CDC Health Advisory: [Variant influenza virus \(H3N2v\) infections](#)
- CIDRAP: [Indiana reports 8 more H3N2v infections](#)
- [Indiana State Department of Health press release \(July 3\)](#)



H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES

- CIDRAP: [Cambodian man survived H5N1 coinfection](#)
- [Cambodia reports 14th human case of bird flu this year](#)

INFLUENZA-RELATED NEWS ARTICLES

- [New discovery made in fight against influenza virus](#)
- [Flu may explain seasonal birth differences](#)
- [University researchers identify three factors that influence pandemic influenza](#)
- [CDC flu kit achieves FDA clearance](#)

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>

AVIAN INFLUENZA A (H7N9)

One new lab-confirmed case of human infection with avian influenza A (H7N9) was retrospectively detected and reported last week by the [World Health Organization](#). The case is a 15-year-old boy with illness onset in late April. He was also coinfecting with seasonal H3N2 virus. There have been 133 lab-confirmed cases reported to date, including 43 deaths. There is no evidence of sustained human-to-human transmission.

Related Articles:

- *Nature*: [Biological features of novel avian influenza A \(H7N9\) virus](#)
- *mBio*: [Pathogenicity of the Novel A/H7N9 Influenza Virus in Mice](#)
- *New England Journal of Medicine*: [Influenza A \(H7N9\) and the Importance of Digital Epidemiology](#)
- *mBio*: [H7N9 and the Perpetual Challenge of Potential Human Pandemicity](#)
- CIDRAP: [Companies report progress on H7N9 vaccines](#)
- [NIH scientists assess history, pandemic potential of H7 flu viruses](#)

The following updates on H7N9 are available:

- [U.S. Centers for Disease Control and Prevention](#) (CDC)
 - [Selected H7N9 Publications and Resources](#)
- [World Health Organization](#) (WHO)
- [Chinese Center for Disease Control & Prevention](#)
- [Center for Infectious Disease Research & Policy](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- A *Journal of Virology* study evaluated the efficacy of commercial inactivated swine influenza A virus vaccines and experimental live-attenuated influenza virus vaccines against infection with [H3N2 virus in pigs](#) and subsequent indirect transmission to other pigs.
- A case-control study was published in *Vaccine* looking at inactivated trivalent influenza vaccination and subsequent [gastrointestinal illness](#) in young children. Findings indicate associations observed in previous studies may actually be due to factors related to the medical visit itself rather than to the vaccination.
- A study published in *Cell* used mouse models to describe how [inflammation](#) during the early immune response to influenza infection can contribute to death. Reducing the number of neutrophils in the mice's lungs increased their survival after infection with a virulent strain, suggesting potential strategies for new flu treatment.

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